

-1- (WPAT)

TITLE

Zinc compsn. for negative electrode of alkaline batteries - contg. zinc dust, zinc oxide, and a polyoxyethylene ether of a mixed aliphatic alcohol

DERWENT CLASSES

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ABSTRACT

Compsn. for the negative electrode of an alkali battery comprises zinc dust, zinc oxide and binder in the ratio (mass %): 60-79:20-40:0.5-1.5, with an additive of 0.1-0.6 of a polyoxyethylene ether of a fatty acid alcohol contg. 5-10 oxyethylene gps. Self-discharge can be reduced if the fatty alcohol is a mixt. of 10-13 C alcohols in the specific ratio C10 10-25, C11 35-55, C12 25-45, and C13 1-8.1%. An inhibitor of mercury, cadmium or lead oxide can also be added to the compsn. in the amt. of 0.5-10%.